

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	bit near3 edge near3 zero near3 forc\$3 near3 equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 09:56
S2	859	((brian and brunn) or (stephen and anderson)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 10:17
S3	3	S2 and equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 10:18
S4	18	(bit with edge with forc\$3 with zero)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 10:30
S5	411	equalizer with forc\$3 with zero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 10:32
S6	329	S5 and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 11:03
S7	7	S6 and filter tap coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 10:33
S8	43	S6 and tap coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 14:11

## EAST Search History

S9	155	S5 and filter and pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 11:03
S10	40	S9 and ((modif\$4 or shap\$3) with pulse with filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 11:03
S11	1	10/809299	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 13:17
S12	6818	filter with tap with coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 13:19
S13	435	S12 and filter with tap with adjust\$3 with coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 13:22
S14	13	S13 and (pulse near3 (shap\$3 or map\$4 or cod\$3 or modif\$4) near3 bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 14:52
S15	1	(pulse code modualtion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 13:34
S16	40570	(pulse code modualtion or pcm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 13:34

## EAST Search History

S18	263	S16 and equalizer and filter and tap and coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 13:35
S19	43	S18 and (zero with cross\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 13:36
S20	27	("3775685"   "4322811"   "4789994"   "4905254"   "5005184"   "5119401"   "5230012"   "5267265"   "5345476").PN. OR ("5517527").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/31 14:11
S21	5948	375/232,229,346,254,242.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 14:12
S22	90	S21 and (filter tap coefficient) and (channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 14:15
S23	76	S22 and equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 14:15
S24	7	S23 and (zero with cross\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 14:31
S25	4	S24 and pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 14:37

## EAST Search History

S26	9	375/241.ccls. and equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 14:45
S27	387	zero forc\$3 with equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 14:46
S28	5	S27 and filter tap coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 14:46
S29	8	zero cross\$3 and equalizer and (pulse near3 (shap\$3 or map\$4 or cod\$3 or modif\$4) near3 bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 15:04
S30	160	(adaptive with equalizer) same channel response	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 15:08
S31	175	(adaptive\$2 with equalizer) same channel response	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 15:11
S32	6	S31 and filter tap coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 15:08
S33	811	(equalizer) same channel response	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 15:11

## EAST Search History

S34	119	(equalizer) and (filter with tap with coefficient with channel with response)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/31 15:12
S35	48	S34 and pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/01 06:31
S37	309	(equalizer same (pulse with shap\$3)) and (isi or (inter near2 symbol near2 interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/01 06:48
S38	112	S37 and (filter with tap with (coefficient or weight)) and channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/01 06:48
S39	282	(equalizer same (pulse with shap\$3)) and (isi or (inter near2 symbol near2 interference) with zero)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/01 06:48
S40	109	S39 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/01 06:48
S41	109	S39 and (filter with tap with (coefficient or weight)) and channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/01 06:48
S42	0	("2005/0195893").URPN.	USPAT	ADJ	ON	2007/06/01 06:56
S43	0	(filter with tap with coefficient) and (inter near2 symbol near2 interference) and (pulse near3 (map or mapping)) and (zero with cross\$3)	USPAT	ADJ	ON	2007/06/01 07:22

## EAST Search History

S44	0	(filter with tap with coefficient) and (inter near2 symbol near2 interference) and (pulse near3 (map or mapping))	USPAT	ADJ	ON	2007/06/01 07:22
S45	11	(filter with tap with coefficient) and (pulse near3 (map or mapping))	USPAT	ADJ	ON	2007/06/01 07:24
S46	0	be near2 zfe	USPAT	ADJ	ON	2007/06/01 07:29
S47	101	(eye near2 diagram) and (zero near4 cross\$3)	USPAT	ADJ	ON	2007/06/01 07:32
S48	90	S47 and filter	USPAT	ADJ	ON	2007/06/01 07:48
S49	50	S48 and channel and (zero crossing)	USPAT	ADJ	ON	2007/06/01 07:49
S50	39	S49 and pulse	USPAT	ADJ	ON	2007/06/01 08:37
S51	9	("3758863"   "4650930").PN. OR ("5058130").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/01 07:56
S52	18	("20010026196"   "20020160731"   "20030058959"   "20030092397"   "20030103579"   "20040087280"   "20040185795"   "20040219891"   "20050026647"   "20050186920"   "20060068726"   "3891926"   "5058130"   "6041083"   "6591090"   "6853836"   "6968163"   "6973138").PN. OR ("7149482").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/01 08:00
S53	12	("6300799"   "6307409").PN. OR ("6570406").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/01 08:15
S54	12	S50 and transistor and current	USPAT	ADJ	ON	2007/06/01 08:53
S55	341	zero crossing and (isi or (inter near2 symbol near2 interference))	USPAT	ADJ	ON	2007/06/01 08:53
S56	78	zero crossing same (isi or (inter near2 symbol near2 interference))	USPAT	ADJ	ON	2007/06/01 08:54
S57	0	zero crossing withsame (isi or (inter near2 symbol near2 interference))	USPAT	ADJ	ON	2007/06/01 08:54
S58	37	zero crossing with (isi or (inter near2 symbol near2 interference))	USPAT	ADJ	ON	2007/06/01 10:16
S59	6877	(pulse near2 shaping)	USPAT	ADJ	ON	2007/06/01 12:26
S60	500	S59 and zero crossing	USPAT	ADJ	ON	2007/06/01 10:17
S61	80	S60 and (isi or (inter near3 symbol near3 interference))	USPAT	ADJ	ON	2007/06/01 12:30
S62	1132	zero crossing near5 (edge or boundary)	USPAT	ADJ	ON	2007/06/01 12:26
S63	45	S59 and S62	USPAT	ADJ	ON	2007/06/01 12:30

## EAST Search History

S64	1	S63 and (isi or (inter near3 symbol near3 interference))	USPAT	ADJ	ON	2007/06/04 09:18
S68	62785	pulse near2 shap\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/05 15:13
S69	1	S68 and ((error near2 (term or value)) with (bit near2 (edge or boundar\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/05 15:15
S70	2	S68 and ((zero near2 cross\$3) with (bit near2 (edge or boundar\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/05 15:16
S71	28	S68 and ((zero) with (bit near2 (edge or boundar\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/06 06:50
S72	216	(adaptive equalizer) and (pulse shaping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/06 06:51
S73	2	(adaptive equalizer) with (pulse shaping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/06 06:52
S74	22	S72 and zero cross\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/06 07:48
S75	2	"6058404".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/06 07:48

## EAST Search History

S76	10	("4811263"   "4817025"   "4862403"   "4953118"   "5204827"   "5381358"   "5517527"   "5568524"   "5717727").PN. OR ("6058404").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/06 07:48
S77	1	pulse with shap\$3 with zero with cross\$3 with bit with edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 07:20
S78	267	equalizer with (pulse near3 shap\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 07:25
S79	2	S78 and (filter near2 tab) and (filter near4 coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 07:22
S80	5820	filter with (pulse near3 shap\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 07:25
S81	2	S80 and ((zero near3 cross\$3) with bit with edge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 07:27
S82	0	("2005/0195893").URPN.	USPAT	ADJ	ON	2007/11/15 07:26
S83	0	S80 and ((zero near3 cross\$3) with bit with boundar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 07:28
S84	2	S80 and ((zero near3 cross\$3) with bit with period)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 08:17



## EAST Search History

S85	6092	(pulse near4 shap\$3) with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 08:18
S86	5629	S85 and (@pd<="20040302" OR @ad<="20040302" OR @rlad<="20040302" OR @prad<="20040302")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 10:11
S87	236	S86 and (zero near4 forc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 08:19
S88	212	S87 and bit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 08:20
S89	5	("2002/0136288").URPN.	USPAT	ADJ	ON	2007/11/15 09:11
S90	11	brunn.in. and xilinx.as.	USPAT	ADJ	ON	2007/11/15 09:14
S91	1640	xilinx.as.	USPAT	ADJ	ON	2007/11/15 10:11
S92	130	375/290.ccls.	USPAT	ADJ	ON	2007/11/15 10:11
S93	130	S92 and (@pd<="20040302" OR @ad<="20040302" OR @rlad<="20040302" OR @prad<="20040302")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 13:58
S94	1555	375/232.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 13:58
S95	1457	S94 and (@pd<="20040302" OR @ad<="20040302" OR @rlad<="20040302" OR @prad<="20040302")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 11:28

## EAST Search History

S96	901	S95 and zero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 11:28
S97	152	S96 and (zero with forc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 11:29
S98	9	("20010040922"   "20010043649"   "20030011847"   "20030016091"   "20030189996"   "20030189997"   "20030189998"   "6243183"   "7035361").PN. OR ("7184478"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 12:08
S99	20	("4459698"   "4694468"   "4755889"   "5136436"   "5140474"   "5142421"   "5265125"   "5293401"   "5469462").PN. OR ("5586144").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 12:44
S10 0	2144	375/290,291,286,230,229.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 13:58
S10 1	2066	S100 and (@pd<="20040302" OR @ad<="20040302" OR @rlad<="20040302" OR @prad<="20040302")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 20:59
S10 2	106	S101 and (zero with forc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 14:00
S10 3	89	S102 and bit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 14:15

## EAST Search History

S10 4	60	S101 and (zero with forc\$3) and (isi or (intersymbol near2 interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 14:16
S10 5	7	S104 not S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 14:17
S10 6	585	(pulse near4 shap\$3) and (zero near4 forc\$3) and (bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 14:18
S10 7	227	(pulse) and (zero near4 forc\$3) and (bit) and (tab) and coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 14:19
S10 8	226	S107 not S103 not S104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 14:19
S10 9	28	S108 and equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 14:22
S11 0	48	pr4 response	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 15:04
S11 1	49	(pulse near4 shap\$3) with (bit near3 sequence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 15:06

## EAST Search History

S11 2	1	S111 and (zero near3 forc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 15:07
S11 3	428	(zero near3 forc\$3) with equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 15:07
S11 4	233	S113 and (ISI or (intersymbol near4 interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 15:08
S11 5	193	S114 and bit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 15:08
S11 6	168	S115 and (@pd<="20040302" OR @ad<="20040302" OR @rlad<="20040302" OR @prad<="20040302")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/15 15:09
S11 7	1	equalizer with (filter near3 tap near3 coefficient) with (pulse near3 (shap\$3 or modif\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/21 12:25
S11 8	2	equalizer with (filter near3 coefficient) with (pulse near3 (shap\$3 or modif\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/21 12:26
S11 9	275	equalizer with (pulse near3 (shap\$3 or modif\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/21 12:26

## EAST Search History

S12 0	42	S119 and (filter near3 tap near3 coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/21 13:25
S12 1	97	S119 and (channel near4 characteristic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/21 13:26
S12 2	55	S121 and (updat\$3 with filter with coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/21 13:26
S12 3	1	S122 and (predetermine\$1 with channel with characteristic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/21 13:28
S12 4	14	S122 and (inverse with transfer function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/21 13:28
S12 5	349	equalizer with (tap near2 coefficient) with (filter near2 tap)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 09:57
S12 6	28	S125 and (pulse near3 (modif\$4 or shap\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 09:58
S12 7	12	S126 and (updat\$3 near4 coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 09:58

## EAST Search History

S12 8	11	S127 and (@pd<="20040302" OR @ad<="20040302" OR @rlad<="20040302" OR @prad<="20040302")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 18:04
S12 9	1	10/791924 and offline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 18:08
S13 0	1	(calculat\$3 or determin\$3) with filter with coefficient with offline with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 18:09
S13 1	4	(calculat\$3 or determin\$3) with filter with coefficient with offline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 18:21
S13 2	1	"6956917".pn. and predetermined	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 21:11
S13 3	929	offline with (advantage or benefit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 20:42
S13 4	227	S133 and (filter or equalizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 20:47
S13 5	4	S133 and ("375".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 20:53

## EAST Search History

S13 7	1	(pulse near3 map\$4) with calculat\$3 with (filter near2 coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 20:59
S13 8	25	(map\$4) with calculat\$3 with (filter near2 coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 20:59
S13 9	19	S138 and (@pd<="20040302" OR @ad<="20040302" OR @rlad<="20040302" OR @prad<="20040302")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 22:21
S14 0	0	"6956917".pn. and map\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 22:20
S14 1	345	normaliz\$3 near4 filter near3 coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 22:22
S14 2	312	S141 and (@pd<="20040302" OR @ad<="20040302" OR @rlad<="20040302" OR @prad<="20040302")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/24 22:22
S14 3	101	(normaliz\$3 near4 filter near3 coefficient) with ("1" or one)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/25 00:08
S14 4	173	filter with distribut\$3 with transmitter with receiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/25 14:15

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S14 5	2921	(normaliz\$3 or normalization) with (benefir or advantage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/25 13:22
S14 6	3	((normaliz\$3 or normalization) near3 filter near3 coefficient) with (benefit or advantage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/25 13:41
S14 7	5	"3876941".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/25 13:41
S14 8	3	(estimat\$3 or calculat\$3 or determin\$3 or generat\$3) with filter with coefficient with (pulse near2 map\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/25 14:20
S14 9	5	(estimat\$3 or calculat\$3 or determin\$3 or generat\$3) with filter with (coefficient or tap or weight) with (pulse near2 map\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/25 14:20
S15 0	2	S149 not S148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/25 14:26
S15 1	0	(inverse nea3 channel near3 response) with multipl\$4 with vector with (generat\$3 or calcualt\$3 or estimat\$3 or determin\$3) with coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/25 14:28
S15 2	0	(inverse nea3 channel near3 response) with multipl\$4 with (generat\$3 or calcualt\$3 or estimat\$3 or determin\$3) with coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/25 14:28



## EAST Search History

S15 3	0	(inverse nea3 channel near3 (response or characteristic)) with multipl\$4 with (generat\$3 or calcuat\$3 or estimat\$3 or determin\$3) with coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/25 14:28
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